

# INTERNATIONAL SEARCH REPORT

ational Application No  
/GB2004/002571

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 F16G11/05

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F16G B66C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category | Citation of document, with indication, where appropriate, of the relevant passages                               | Relevant to claim No. |
|----------|--|-----------------------|
| X        | FR 2 307 192 A (FURDERUNG FORSCHUNG EIDGENOSSI) 5 November 1976 (1976-11-05)                                     | 1,2,4-9,<br>12-14     |
| Y        | page 1, line 1 - page 3, line 12<br>page 4, line 11 - page 7, line 3<br>figures 1-4                              | 3,10,11               |
| Y        | US 4 755 076 A (SALAMA MAMDOUH M ET AL)<br>5 July 1988 (1988-07-05)<br>figures 1,8<br>column 3, line 4 - line 17 | 3                     |
| Y        | US 5 727 833 A (COE KENNETH A)<br>17 March 1998 (1998-03-17)<br>figures 1-5<br>column 1, line 44 - line 57       | 10,11                 |
|          |  | -/-                   |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance .
- \*E\* earlier document but published on or after the International filing date
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

16 September 2004

Date of mailing of the international search report

27/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

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## INTERNATIONAL SEARCH REPORT

National Application No

/GB2004/002571

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|----------|---|-----------------------|
| A        | PATENT ABSTRACTS OF JAPAN<br>vol. 0141, no. 57 (M-0955),<br>27 March 1990 (1990-03-27)<br>& JP 2 018029 A (TOYOBQ CO LTD),<br>22 January 1990 (1990-01-22)<br>abstract<br>----- | 1                     |

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| FR 2307192                             | A | 05-11-1976       | DE<br>FR<br>JP<br>ZA | 2615927 A1<br>2307192 A1<br>51127962 A<br>7602170 A |  | 28-10-1976<br>05-11-1976<br>08-11-1976<br>27-04-1977 |
| US 4755076                             | A | 05-07-1988       | GB                   | 2219811 A ,B  |  | 20-12-1989   |
| US 5727833                             | A | 17-03-1998       |                      | NONE  |  |  |
| JP 2018029                             | A | 22-01-1990       |                      | NONE  |  |  |